

Planar DC/DC Transformer

E/E (Plate) 58

Core size (LxHxW) : 58x11x38 Unit : mm

Power Capacity 400 to 1300W

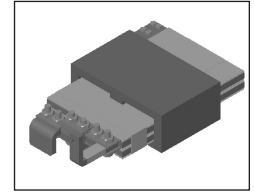
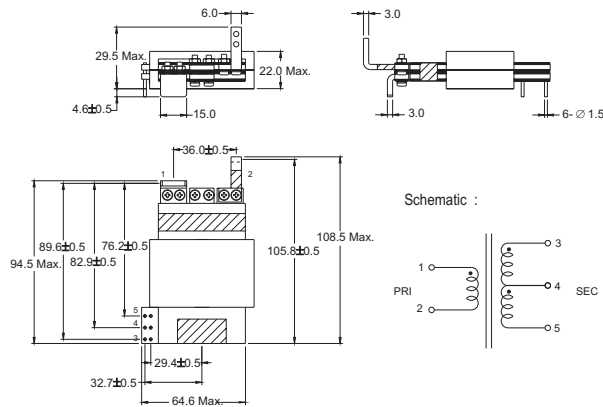
Frequency Range : 100K~500KHz

Features

- The planar transformer is suitable for forward DC/DC converters with resonance reset.

Mechanical Dimension:

Unit: mm



Electrical Characteristics:

TRANSFORMER								
PART NO.	INDUCTANCE L (1-2)	OPERATING FREQUENCY	TURN RATIO		AC RIPPLE AS % OF DC CURRENT	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE
			(3-4) TO (1-2)	(4-5) TO (1-2)		PRI TO SEC	WDGS TO CORE	
PLT5837-001	23uH Min.	350KHz	5 : 2	5 : 2	10%	500Vdc	500Vdc	+10°C to +70°C
								330.0gr

RM8

Power Capacity 70 to 130W

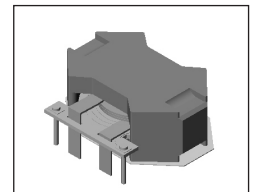
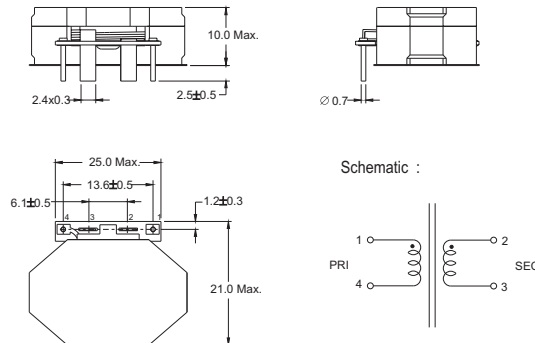
Frequency Range : 10K~300KHz

Features

- The planar transformer is suitable for forward DC/DC converter's output inductor and used on VRM.

Mechanical Dimension:

Unit: mm



Electrical Characteristics:

INDUCTOR								
PART NO.	INDUCTANCE L (2-3)	OPERATING FREQUENCY	TURN RATIO (1-4) TO (2-3)	DUTY CYCLE	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
					PRI TO SEC	WDGS TO CORE		
PLI2214-001	3.2uH10%	250KHz	8 : 4	0.5 Max.	500Vdc	250Vdc	+10°C to +50°C	8.9gr
								14A



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